

ABSTRACT

A method and an apparatus for producing various types of microdroplets. The apparatus has a cross intersection portion at which a first continuous phase, a first dispersion phase, and a second dispersion phase intersect with each other. A first liquid feed device controls the first dispersion phase and a second liquid feed device controls the second dispersion phase. A control device is connected to the first liquid feed device and the second liquid feed device. The first liquid feed device and the second liquid feed device are controlled by a signal from the control device so that microdroplets formed of the first dispersion phase and microdroplets formed of the second dispersion phase are sequentially produced.